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Subj: INSTALLATION RESTORATION PROGRAM MONTHLY STATUS REPORT  
FOR NAVAL AIR STATION, MOFFETT FIELD

Encl: (1) Installation Restoration Monthly Status Report, September 1993

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**NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA  
INSTALLATION RESTORATION PROGRAM  
MONTHLY STATUS REPORT  
September 1993**

1. Progress During the Report Period

The following activities were accomplished during the reporting period:

- Completed the Final Additional Investigation of Inferred Sources Field Work Plan.
- Completed the Final Remedial Design/Remedial Action (RD/RA) Work Plan for West-Side Aquifer Source Remediation.
- Completed the Draft Final Operable Unit (OU) 5 Remedial Investigation (RI) Report.
- Completed the Draft Final OU 6 Baseline Human Health Risk Assessment Work Plan.
- Completed the Draft OU 5 Proposed Plan.
- Completed the Final Petroleum Cleanup Site Characterization Plan.
- Completed the Draft Petroleum Cleanup Corrective Action Plan.
- Completed contractor negotiations for the Site 12 source control measure and remediation of Naval Exchange (NEX) gas station soils.
- Completed contractor negotiations for the Site 9 source control measure.
- Continued horizontal conduit study activities and preparation of the Phase I Report and Phase II Field Work Plan.
- Continued Site-Wide Ecological Assessment (SWEA) activities and preparation of the Draft Phase I SWEA Investigation Report.
- Quarterly sampling activities started September 16, 1993 and are expected to last through October 8, 1993.
- Field work for additional investigations of inferred sources and OU 1/OU 5 additional characterization activities were conducted in September 1993.

2. Reports Submitted and Meetings

Meetings:

- A project manager/regulatory agency meeting was held September 9, 1993 at the EPA offices in San Francisco.

- A meeting between the Navy and EPA was held September 29, 1993 at the offices of EPA in San Francisco to discuss regional remedial design and inferred sources issues.
- A meeting between the Navy, EPA, and MEW companies was held September 30, 1993 at the Navy WESTDIV offices in San Bruno to discuss regional remedial design and inferred sources issues.

#### Submittals:

- The Draft Final OU 5 RI Report was submitted September 11, 1993.
- The Final Additional Investigation of Inferred Sources Field Work Plan was submitted September 23, 1993.
- The Final RD/RA Work Plan for West-Side Aquifer Source Remediation was submitted October 1, 1993.
- The Draft Final OU 6 Baseline Human Health Risk Assessment Work Plan was submitted October 1, 1993.
- The Draft OU 5 Proposed Plan was submitted October 1, 1993.
- The Final Petroleum Cleanup Site Characterization Plan was submitted October 1, 1993.
- The Draft Petroleum Cleanup Corrective Action Plan was submitted October 1, 1993.

### 3. Problems Encountered and Resolutions

- Issues regarding future land use assumptions, risk exposure scenarios, and cleanup levels are still not resolved. Resolution of these issues is necessary in order to finalize the OU 5 reports and the Petroleum Corrective Action Plan.

### 4. Reports and Activities for the October/November Submittal

- A Technical Review Committee (TRC) meeting is scheduled for October 4, 1993 at Building 23, NAS Moffett Field.
- An Open House is scheduled from 4:00 to 8:00 pm on October 5, 1993 at the Eagles and Anchors Club, NAS Moffett Field.
- A site-wide ecological assessment meeting is scheduled for 9:30 am on October 19, 1993 at the Regional Water Quality Control Board offices.
- The next project manager/regulatory agency meeting is scheduled for 1:00 pm on October 19, 1993 at the Regional Water Quality Control Board offices.
- A technical exchange meeting is scheduled for 9:30 am on October 20, 1993 at the offices of Canonie Environmental Services, Inc. in Mountain View.

- The Final OU 6 Baseline Human Health Risk Assessment Work Plan is scheduled for submittal November 1, 1993.
- The Draft Phase I SWEA Investigation Report is scheduled for submittal November 22, 1993.
- Excavation and remediation of Site 12 soils and remediation of NEX gas station soils is scheduled to begin in October 1993.
- A Pre-construction meeting for Site 9 source control measure is scheduled for October 19, 1993.
- Quarterly sampling activities will continue in October and are scheduled for completion October 8, 1993.

5. Key Personnel Changes

- None

6. Chemical Laboratory Data Status Report

- Laboratory data from the May/June quarterly sampling of CLEAN wells and from SWEA field investigations are being validated and entered in the CLEAN database.

7. Percentage of Project Completion

	<u>ACTIVITY/DELIVERABLE</u>	<u>PERCENTAGE COMPLETE</u>
OU 1		
	Draft Remedial Investigation Report OU 1	100%
	Draft Final Remedial Investigation Report OU 1	100%
	Final Remedial Investigation Report OU 1	100%
	Initial Screening of Technologies Report OU 1	100%
	Draft Feasibility Study Report for OU 1	100%
	Draft Proposed Plan for OU 1	100%
	Draft Final Feasibility Study Report for OU 1	20%
	Draft Final Proposed Plan for OU 1	20%

## OU 2

• Draft Remedial Investigation Report OU 2	100%
• Draft Final Remedial Investigation Report OU 2	100%
• Final Remedial Investigation Report OU 2	100%
• Initial Screening of Technologies OU 2	100%
• Draft Feasibility Study OU 2	100%
• Revised Draft Feasibility Study OU 2	20%
• Draft Proposed Plan OU 2	100%
• Revised Draft Proposed Plan OU 2	100%
• OU 2 Field Work Plan	80%
• Draft RD/RA Work Plan for OU 2-WEST	100%
• Draft Final RD/RA Work Plan for OU 2-WEST	100%
• Final RD/RA Work Plan for OU 2-WEST	100%

## OU 4 AND WEST-SIDE AQUIFER

• Draft Remedial Investigation Report OU 4	100%
• Draft Final Remedial Investigation Report OU 4	100%
• Final West-Side Aquifer Characterization Report	100%
• Initial Screening of Technologies OU 4	100%
• Draft Feasibility Study OU 4	100%
• Draft Proposed Plan OU 4	100%
• OU 4 Field Work Plan	100%
• OU 4 Field Work	100%
• Draft West-Side Aquifer Field Investigation Technical Memorandum	100%
• Final West-Side Aquifer Field Investigation Technical Memorandum	90%
• Draft RD/RA Work Plan for West-Side Aquifer Source Remediation	100%
• Draft Final RD/RA Work Plan for West-Side Aquifer Source Remediation	100%
• Final RD/RA Work Plan for West-Side Aquifer Source Remediation	50%

#### OU 5

- Draft Remedial Investigation Report OU 5 100%
- Draft Final Remedial Investigation Report OU 5 100%
- Draft Feasibility Study Report OU 5 50%
- Draft Proposed Plan OU 5 100%

#### OU 6

- OU 6 Draft Field Work Plan (subsequent submittals included with Site-Wide Ecological Assessment) 100%
- Draft OU 6 Remedial Investigation Work Plan (for human health risk assessment) 100%
- Draft Final OU 6 Remedial Investigation Work Plan (for human health risk assessment) 100%
- Final OU 6 Remedial Investigation Work Plan (for human health risk assessment) 20%

#### PHASE I AND II

- Phase I tank removal tasks 100%
- Phase I tank location wells 100%
- Phase II tank removal tasks 100%
- Phase II tank location wells 100%
- Draft Phases I and II Tank and Sump Report 100%
- Final Phases I and II Tank and Sump Report 100%
- Phase II Tank and Sump Soils Profiling 100%
- Phase II Tank and Sump Soil Disposal 100%
- Additional Tank and Sump Investigations Field Work Plan 100%
- Additional Tank and Sump Investigations 100%
- Draft Additional Tank and Sump Field Investigation Technical Memorandum 100%
- Final Additional Tank and Sump Field Investigation Technical Memorandum 100%

## BUILDING 29

- Building 29 Field Work Plan 100%
- Building 29 Area Field Investigations 100%
- Draft Building 29 Area Report 100%
- Final Building 29 Area Report 100%

## SITES 8 AND 9

- Sites 8 and 9 Source Control Evaluations (Action Memoranda) 100%
- Sites 8 and 9 Source Control Evaluations 100%
- Site 9 Field Work Plan 100%
- Site 9 Field Investigations 100%
- Draft Site 9 Source Control Investigation Technical Memorandum 100%
- Final Site 9 Source Control Investigation Technical Memorandum 100%
- Site 9 Source Control Designs 100%

## SITES 12 AND 14

- Sites 12 and 14 Source Control Evaluations (Action Memorandum) 100%
- Sites 12 and 14 Source Control Evaluations 100%
- Draft Site 14 South Field Investigation Technical Memorandum 100%
- Final Site 14 South Field Investigation Technical Memorandum 100%
- Sites 12 and 14 Source Control Designs 100%
- Sites 12 and 14 Source Control Specifications 100%

## IS8 AND IS9

- IS8 and IS9 Field Work Plans 100%
- IS8 and IS9 Field Investigations 100%
- IS8 and IS9 Reports 100%

## NORTH BASE AREA

- North Base Area Field Investigations 100%
- North Base Area Field Investigations Report 100%
- North Base Area Additional Investigations Field Work Plan 100%
- North Base Area Additional Investigations 100%

## ADDITIONAL SITE INVESTIGATION

- Additional Site Investigation Field Work Plan 100%
- Additional Site Investigations 100%
- Draft Site Investigation Report 100%
- Draft Final Site Investigation Report 100%
- Additional Site Investigation Field Work Plan Amendment 80%

## SITE-WIDE

- Site-Wide Quality Assurance Project Plan 100%
- Site-Wide Field Sampling Plan 100%
- Site-Wide Health and Safety Plan 100%
- Site-Wide Ecological Assessment Draft Final Field Work Plan 100%
- Site-Wide Ecological Assessment Final Field Work Plan 100%

## MISCELLANEOUS

- Abandonment of Known Wells 100%
- Investigation of Suspect Wells 100%
- Technical Memorandum on Geology and Hydrogeology 100%
- Draft Preliminary Assessment/Site Inspection (PA/SI) Work Plan 100%
- Draft Final Additional Investigation of Inferred Sources (formerly PA/SI) Work Plan 100%



- Final Additional Investigation of Inferred Sources (formerly PA/SI) Work Plan 100%
- Draft Horizontal Conduit Study Work Plan 100%
- Final Horizontal Conduit Study Work Plan 100%

#### PETROLEUM SITES

- Draft Petroleum Cleanup Site Characterization Report 100%
- Final Petroleum Cleanup Site Characterization Report 100%
- Draft Petroleum Corrective Action Plan 100%